

Product datasheet for SC336089

FAM113B (PCED1B) (NM_001281429) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM113B (PCED1B) (NM_001281429) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM113B
Synonyms:	FAM113B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336089 representing NM_001281429. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGATCCTTCTGCGGGCCTCCGAAGTGCAGCTGCTTCAACAATAGTTCGTGGTCATCCTGGGGAG
 TCTGTGCATAGGGCAGTATACAAGGACCTGGTGCTTCTGCTGCAGAAGGACCGCTGCTCACTCCCGG
 CAGCTTAGAGCAAGGGGGAGCTGAACCTCGAACAAGATGAGCTGGTGGACGGAGGCCAGCGGGGCCAC
 ATGCACAACGGCCTTAACCTACCGTGAGGTCCGCGAGTTCGCTCCGACCACCATCTGGTACGTTTTTAC
 TTCCTCACCCGCGTGTACTCCGATTACCTCCAGACCATCTTGAAAGAGCTGCAGTCGGGCGAGCACGCC
 CCCGACCTGGTCATCATGAATTCCTGCCTCTGGGACATCTCCAGGTATGGTCCGAACCTCTGGAGAAGC
 TACCTGGAGAACCTGGAGAACCTGTTCCAGTGCCTGGGCCAGGTGCTGCCCGAGTCTTGCTCCTGGTG
 TGGAAACACGGCCATGCCTGTGGGCGAGGAAGTCACCGGGGTTTTCTTCCGCCCAAGCTCCGGCGGCAG
 AAGGCCACCTTCTGAAAAACGAAGTGGTCAAAGCCAACCTTCCACAGCGCCACCGAGGCACGTAAACAT
 AACTTCGATGTACTGGACTTGCAATTTCCACTTCCGCCACGCGAGGGAGAACCTGCACTGGGACGGGGTG
 CACTGGAATGGACGTGTGCACCGCTGCCTCTCCAGCTGCTGCTGGCCACGTGGCCGACGCCTGGGGT
 GTGGAGCTGCCCCACGCCACCCCGTGGGCGAGTGATCAAGAAGAAAAAACCTGGCCCGAGAGTCGAA
 GGGCCGCCCCAGGCCAACAGAAATCACCCGGCCTTACCTCTGTCCCCACCCCTTACCTTCCCCACATAC
 CGCCCCCTGCTTGGGTTCCACCCAGCGCTTGCCGCTGCTCCGCTCCTGTCCCCACAGCCTCCTCCT
 CCATTCTCCATCACCGGGAATGCCCGGTTCCACAGGGTCCCCAGATGCCTGTTTTTCTCAGAC
 CATACTTTCCAGTCGGATCAATTCTATTGCCATTGAGTGTCCCTCATCAGCCATGCAGGTTTCTTC
 GTCGAAGACAATTTATGGTTGGTCTCAGCTGCCTATGCCCTTCTTCCCCACACCCCGTTATCAGCGG
 CCTGCCCGAGTGGTACATAGGGTTTTGGCAGGTATCGTCCCGTGGCCCTATACGCCCTGGGGACAG
 CGGCCTCGACCTCAAAGAGAAGGGCCCCAGCCAATCCTGAGCCAAGGCCTCA**AG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001281429
Insert Size:	1299 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001281429.1</u>
RefSeq Size:	1908 bp
RefSeq ORF:	1299 bp
Locus ID:	91523
UniProt ID:	<u>Q96HM7</u>
Cytogenetics:	12q13.11
MW:	49.7 kDa
Gene Summary:	This gene encodes a protein that belongs to the GDSL/SGNH-like acyl-esterase family. Members of this family are hydrolases thought to function in modification of biopolymers on the cell surface. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013] Transcript Variant: This variant (2) lacks an exon in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.